

### **AMENDMENTS TO THE CLAIMS:**

Prior to the present communication, claims 1-7, 26-29, 41, and 46 were pending in the subject application. Each of claims 1-4, 26, and 46 has been amended herein and claim 41 has been canceled. Claims 51-57 have been added herein. Thus, claims 1-7, 26-29, 46, and 51-57 remain pending. This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Currently Amended) A computer-implemented method in a computer system for preventing one or more immunizations from being administered to a person too early, the method comprising:

receiving from a clinician, utilizing a first computer process, an identification of an [[the]] immunization[[s]] to be administered to a person, wherein the identification of the immunization is input by the clinician during a clinical visit with the person;

in response to receiving the identification of the immunization to be administered during the clinical visit, determining, utilizing a second computer process, whether it is too soon to administer the immunization; and

based on a determination that it is too soon to administer the immunization, displaying a warning if so, ~~outputting information~~ that the immunization is being administered too soon,

wherein the first and second computer processes are executed utilizing one or more computing devices.

2. (Currently Amended) The method of claim 1, further comprising:  
upon determining that it is too soon to administer the immunization,  
~~determining whether it is still safe to administer the immunization even though it~~  
~~is too soon to administer the immunization.~~
3. (Currently Amended) The method of claim 2, further comprising:  
based on a determination that it is still safe to administer the  
immunization, ~~wherein if it is safe to administer the immunization,~~ outputting  
information that it is safe to administer the immunization.
4. (Currently Amended) The method of claim [[2]], further comprising:  
upon determining that it is too soon to administer the immunization,  
determining that it is not safe to administer the immunization; and  
based on a determination that it is not safe to administer the immunization,  
~~wherein if it is not safe to administer the immunization,~~ outputting information  
that it is not safe to administer the immunization.
5. (Original) The method of claim 1, further comprising:  
obtaining information regarding the safe timing of immunizations from a  
database.
6. (Original) The method of claim 5, further comprising:  
obtaining information from an electronic medical record of the person  
stored within a comprehensive healthcare system.
7. (Original) The method of claim 6, further comprising:

utilizing the information from the electronic medical record of the person and the information regarding safe timing of immunizations to determine whether an immunization is being administered too soon.

8-25. (Canceled)

26. (Currently Amended) A computer system including one or more computer-readable storage media having computer-executable modules stored thereon ~~in a computerized environment~~ for preventing one or more immunizations from being administered to a person too early, the computer-executable modules ~~system~~ comprising:

a receiving module for receiving from a clinician an identification of the immunization[[s]] to be administered to a person during a clinical visit, wherein the identification of the immunization is received from the clinician during the clinical visit;

a determining module for determining ~~whether~~ it is too soon to administer the immunization in response to receiving the identification of the immunization to be administered from the clinician during the clinical visit; and

a displaying an outputting module for displaying a warning outputting information that the immunization is being administered too soon.

27. (Original) The system of claim 26, further comprising:

a second determining module for determining whether it is still safe to administer the immunization even though it is too soon to administer the immunization.

28. (Original) The system of claim 27, wherein if it is safe to administer the immunization, outputting information that it is safe to administer the immunization.

29. (Original) The system of claim 27, wherein if it is not safe to administer the immunization, outputting information that it is not safe to administer the immunization.

30-45. (Canceled)

46. (Currently Amended) A ~~computer-readable~~storage medium having computer-executable instructions for performing a method for preventing one or more immunizations from being administered to a person too early, the method comprising:

receiving from a clinician an identification of an [[the]] immunization[[s]] to be administered to a person, wherein the identification of the immunization is input by the clinician during a clinical visit with the person;

in response to receiving the identification of the immunization to be administered to the person during the clinical visit, determining whether it is too soon to administer the immunization during the clinical visit; and

based on a determination that it is too soon to administer the immunization, displaying a warning if so, ~~outputting information~~ that the immunization is being administered too soon, wherein the warning is a first pop-up warning window;

based on a determination this it is not too soon to administer the immunization, determining whether the immunization will cause an adverse reaction to the person;

upon determining that the immunization will cause an adverse reaction,  
displaying a warning that the immunization will cause an adverse reaction via a  
second pop-up warning window;

upon determining that the immunization will not cause an adverse  
reaction, displaying a message that the immunization may be administered during  
the clinical visit.

47-50. (Canceled)

51. (New) The computer-readable medium of claim 46, further comprising:  
obtaining healthcare information for the person from the person's  
electronic medical record.

52. (New) The computer-readable medium of claim 46, further comprising:  
obtaining information regarding adverse reactions and immunizations.

53. (New) The computer-readable medium of claim 52, further comprising:  
comparing the information regarding adverse reactions to the information  
for the person obtained from the person's electronic medical record.

54. (New) The computer-readable medium of claim 53, wherein the  
information obtained from the person's electronic medical record includes medications being  
taken.

55. (New) The computer-readable medium of claim 53, wherein the  
information obtained from the person's electronic medical record includes allergy information.

56. (New) The computer-readable medium of claim 53, wherein the information obtained from the person's electronic medical record includes a medical condition that can cause adverse reactions to the immunization.

57. (New) The computer-readable medium of claim 53, wherein the information obtained from the person's electronic medical record includes a genetic condition that predisposes the person to adverse reactions to the immunizations.

### **SUMMARY OF EXAMINER INTERVIEW**

Applicants would like to thank the Examiner for granting an interview on August 3, 2009. During the interview, proposed amendments to claims 1, 26, and 46 were discussed. The Examiner indicated that the claims, as amended herein, overcome the 35 U.S.C. 101 rejections. Additionally, the Examiner indicated that the amendments may overcome the 35 U.S.C. 102 rejections, but a final determination may require further search or consideration.